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QUANTITATIVE DETERMINATION OF STRATOSPHERIC AEROSOL CHARACTERISTICS

The second data acquisition occurred on September 17, 1973 with the sensors viewing the stratopsheric region over the western United States. We anticipate receipt of data in December.

Analytic software development continued as planned. Coding and debugging of the algorithms will continue. The limit brightness inversion for 180° scatter was prepared and reviewed. In lieu of immediately coding the method, effort was concentrated on generalizing the algorithm to non-180° scatter.

In the month of October we anticipate that the software coding will continue. We anticipate more effort in the generalization of the slant path inversion through integral transforms to non-180° scatter. The preliminary software will be completed. We will begin implementation of the transform of the integral equation involving the scattering function and particle size distribution.

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